

The WakeMed logo is a large, light gray graphic in the background, consisting of several curved, petal-like shapes arranged in a circular pattern around a central point.

WakeMed Pediatric Asthma Program

2007 NC Asthma Summit
April 17, 2007

Objectives of Presentation

After completion of the presentation, the participant will be able to describe:

- ☐ Structure of the Pediatric Asthma Program
- ☐ Education content of the Pediatric Asthma Program
- ☐ Goals and Outcomes of the Pediatric Asthma Program

In the Beginning...

- ❑ Increased Inpatient Length of Stay
- ❑ Inconsistent Treatment Modalities
- ❑ CQI Project
- ❑ 1999 – Outpatient Education Program
- ❑ Funded by Duke Endowment and GlaxoSmithKline ages 5-11
- ❑ 2001- CDC grant focused on inner city asthma and associated risks
- ❑ 2003 – Expanded education for ages 12-17
- ❑ 2004 – Expanded education for ages 3-4

Education Content

- ☐ Based on NIH Guidelines
- ☐ Asthma Educators serve in a case management role (RNs and RRTs)
- ☐ Triggers, Medications, Delivery Devices, Warning Signs, Asthma Action Plan
- ☐ Collaborate with medical director and child's PMD
- ☐ PFTs, assessment of asthma and environment

Services

- ☐ 2 programs: 6 months (ages 3-4) OR 12 months (ages 5-17)
- ☐ Initial Consult
- ☐ Group Education Session
- ☐ Telephone contacts
- ☐ Follow-up visits (4, 8, & 12 months)
- ☐ Allergy Skin Testing
- ☐ Pulmonary Function Tests
- ☐ Each Participant receives 2 sets of equipment: appropriate spacer and peak flow meter (if applicable)

Services

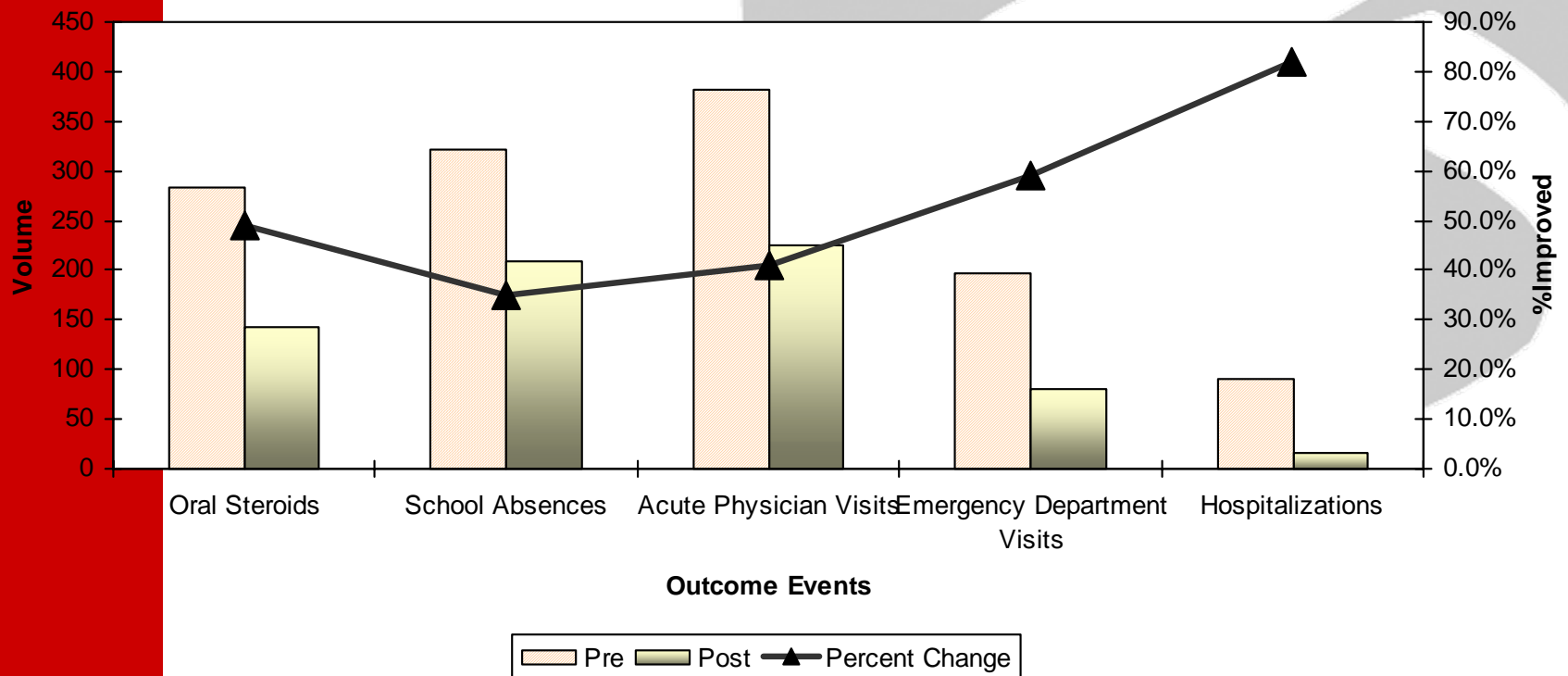
- ☐ Assist patients with financial concerns
 - ☐ Medicaid, Healthchoice, no insurance, inability to obtain medications
- ☐ Attend to child's social concerns
 - ☐ School visits, discussions with school nurse and staff
- ☐ Aid in transportation issues
 - ☐ Supply bus passes, occasionally cab fare, Medicaid transport
- ☐ Offer flexible appointment schedule

Goals of Program

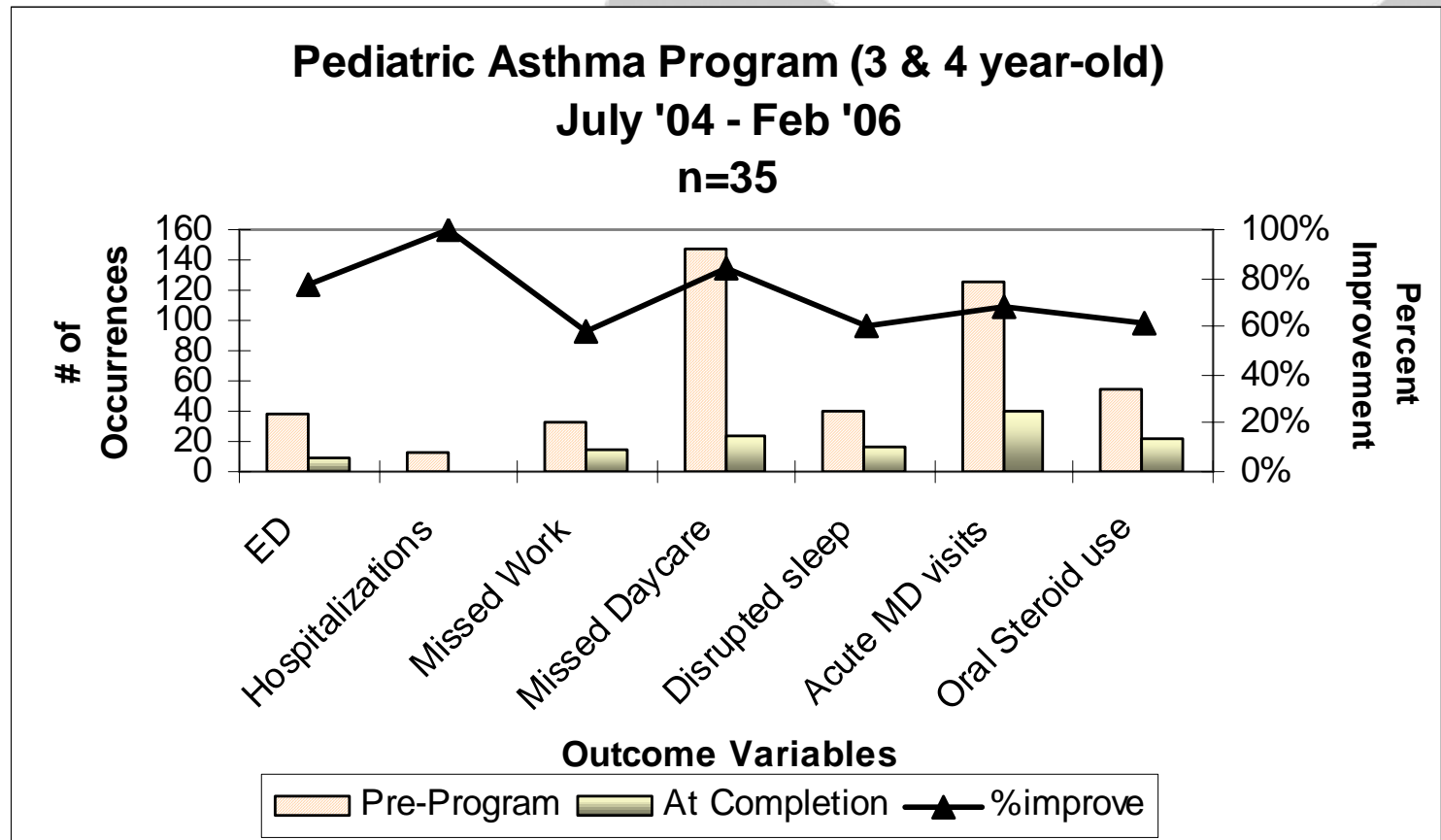
- ❑ Overall goal of the PAP is to improve asthma management to decrease complications and improve quality of life.
 - ❑ Decrease need for hospitalizations
 - ❑ Decrease need for ED visits
 - ❑ Decrease school absences
 - ❑ Decrease oral steroid use
 - ❑ Decrease acute office visits

Cumulative Outcomes 5-17 year olds

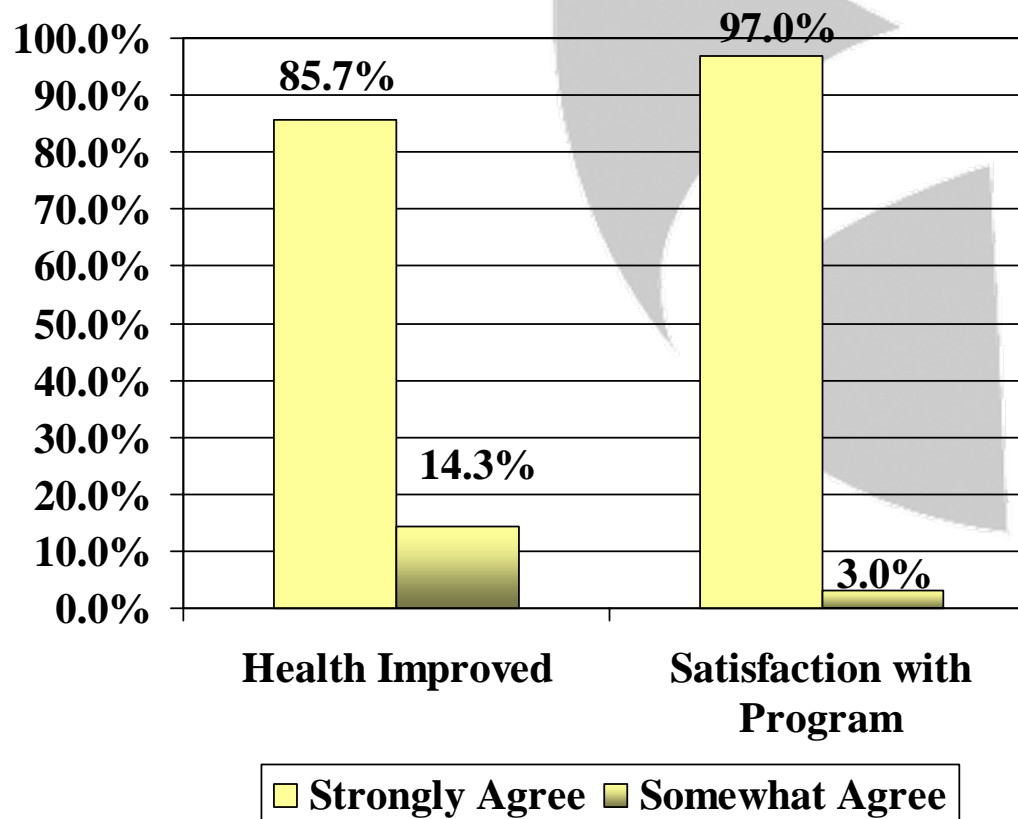
Outcome Event Summary
n=433



Cumulative Outcomes 3-4 year olds



Patient Satisfaction Survey: Overall Results



Future Goals

- ☐ Quarterly refresher courses
- ☐ Expand education to outlying facilities
- ☐ Apply for EPA leadership award
- ☐ Increase environmental trigger monitoring
- ☐ Implement updated NIH guidelines
- ☐ Smoking cessation classes for parents
- ☐ Adult asthma education
- ☐ Expand information to WakeMed intranet and internet

Populations Served

- ☐ Pediatric Community
 - ☐ Wee Wheezers (3 and 4 year olds)
 - ☐ 5-17 year olds
- ☐ Growing Hispanic Population
 - ☐ WakeMed's interpreter services and language line
- ☐ No limitations on residency, financial constraints, or insurance

Community Organizations

- ☐ Actively participates with the AANC
- ☐ American Lung Association
- ☐ Camp Challenge
- ☐ Wake County Asthma Coalition
- ☐ YMCAs
- ☐ Local school districts

Team Members

- ❑ Medical Director: Karen Chilton, MD
- ❑ Supervisor: Debbe Langdon RN,BSN
- ❑ Secretary: Ginny Kellum
- ❑ Staff: Sharon Caudle RN,BSN
- ❑ Debbie Credle-Godwin RN,BSN
- ❑ Keri Erickson RRT,RCP
- ❑ Sarah Lineberry RRT,RCP

Current Funding

- ❑ Duke Endowment

- ❑ 1 educator position, PR, office supplies, educational materials

- ❑ GlaxoSmithKline

- ❑ Equipment, travel, continuing education

- ❑ WakeMed Health and Hospitals

- ❑ 3 educator positions, supervisor, and administrative assistant

- ❑ Wal-Mart community donation

- ❑ Incentives for completion (prizes and gift cards)

Questions?

- ADD PICTURE OF EDUCATORS😊